



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/878,305	06/12/2001	Toshiya Kanazawa	35.C15627	3029
5514 7590 04/17/2007 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			EXAMINER POON, KING Y	
			ART UNIT	PAPER NUMBER
			2625	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		04/17/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 09/878,305	Applicant(s) KANAZAWA, TOSHIYA	
	Examiner King Y. Poon	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,7,13,15,21,27 and 57 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,7,13,15,21,27 and 57 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 June 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, wherein said Web server comprises: (a) a transmission unit, adapted to transmit to one of the external apparatuses that serves as a Web client the client display data stored in said storage unit for use in a client display screen in which a character message to be displayed is input; and (b) a reception unit, adapted to receive message data based on a character message input by the Web client via the client display screen displayed on the basis of the client display data transmitted by said transmission unit and (ii) timing information input by the Web client via the client display screen displayed on the basis of the client display data transmitted by the transmission unit" must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering

Art Unit: 2625

of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 7, 13, 15, 21, 27, 57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Venkatraman (US 6,170,007) in view of Gase US 6,184,996), and Colbert et al (US 5,699,494).

Regarding claims 1, 15: Venkatraman teaches a printing apparatus (column 8, lines 15-20) having a printing function and a scanning function (scanning and printing functions are inherent in a copier machine), said printing apparatus comprising: an execution unit (300, fig. 1B), adapted to execute a print job or a scan job; an output control unit (the control of the user interface/display of the device/copier, column 1, lines 64-66, column 1, lines 30-45), adapted to control a display unit to display data; a storage unit (210, fig. 1B), adapted to store client display data for causing a browser

Art Unit: 2625

provided in a Web client to form an input column for a character message (column 7, lines 39-58, note); and a Web server (column 3, lines 35-45) that can be accessed by external apparatuses, wherein the printing apparatus (Web server for claim 15) further comprises: (a) a transmission unit (the software of the server that outputs the web page, column 3, lines 30-36), adapted to transmit to one of the external apparatuses that serves as a Web client the client display data stored in said storage unit for use in a client display screen in which a character message to be displayed is input (note); and (b) a reception unit (column 3, lines 20-25), adapted to receive message data based on a character message input by the Web client via the client display screen displayed on the basis of the client display data transmitted by said transmission unit (note) and (ii) timing information input by the Web client via the client display screen displayed on the basis of the client display data transmitted by the transmission unit (note).

Note: Although Venkatraman teaches the Web page transmitted by the Web server is the user interface of the copying machine (column 1, lines 54-67, column 6, lines 1-15, column 8, lines 20-23), and information received by the Web sever is information entered by a user, Venkatraman does not specifically teaches the user interface accessed by the web client is used for the user to input character message and timing information input by the Web client via the client display screen displayed on the basis of the transmitted client display data.

Gase, in the same area of user accessing user interface of a printing device remotely by access the home page of the printing device (column 3, lines 37-65) teaches it well known in the art to enter character information (see e.g., URL and owner

Art Unit: 2625

of fig. 4, is programmed into printer, column 4, lines 45-46, column 1, lines 50-55) into the user interface of a printing machine such that a user would control the printing to perform different functions as the user desires, and timing information (e.g., job detail page input is the timing information indicating job detail page is to be displayed now or job list page input is the timing information indicating job list page is to be displayed now) input by the Web client via the client display screen (home page of printer, column 3, lines 50-65) displayed on the basis of the transmitted client display data.

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified Venkatraman to include: the user interface accessed by the web client is used for the user to input character message such that the user can control the copying machine such as entering a job name, owner's name or URL as taught by Gase, fig. 4, and for user to enter timing information regarding when to display a Web page such that a user can be informed of different information as the user desired.

Venkatraman also does not teach wherein said output control unit causes the display unit to display a message formed based on the message data received by said reception unit.

Colbert, in the same area of displaying similar message on the user interface of a client computer and an image processing apparatus (fig. 1) teaches output control unit causes the display unit to display the display of the client based on the data received by said reception unit, column 10, lines 45-55, column 6, lines 55-60)

Art Unit: 2625

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified Wood to include: output control unit causes the display unit to display the message based on the message data received by said reception unit.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified Wood by the teaching of Colbert because it would have allowed printer status, configuration and condition information presented on the display of the printer to be instantaneously available at any host served by the printer and vice versa as taught by Colbert, column 3, lines 16-20; and would have made it possible to control printer settings using the normal data stream emanating from a host as taught by Colbert at column 3, lines 39-36.

Note 2: After the combination, the display would display, e.g., URL, of a print job (see fig. 4, Gase) in accordance with the timing information (input of printer job detail page).

Regarding claims 7, 21: Venkatraman in view of Colbert teaches wherein said the display unit has different display areas including a first display area (Colbert, column 9, lines 60-67, teaches a display with at least 4 areas of allowing user to enter information) and a second display area and wherein said transmission unit transmits the client display data stored in said storage unit to the Web client for causing the browser provided in the Web client to form respective different input columns for character messages corresponding to the first and second display areas (see discussion of claims 1, 15).

Art Unit: 2625

Regarding claims 13, 27: Venkatraman, Colbert teaches wherein said transmission means unit transmits the client display data including the message formed based on the message data received said reception unit, to an another external apparatus that serves as another Web client and wherein the client display data transmitted to the another Web client is read by a browser provided in the another Web client (column 7, lines 64-67, column 8, lines 1-2, Venkatraman, column 3, lines 15-20, Colbert).

Regarding claim 57: It would have been obvious to a person with ordinary skill in the art at the time the invention was made to know that a user would turn on a printer or copier, but the printer or copier might not have anything to print (official notice) or scan. Since Gase's invention (displaying the job detail page with the user entered URL of fig. 4 at the timing that the job detail page input has been received by the printer) is to allow user to know the status of the print job so long as the printer is having power to transmit the home page regardless whether the printer is actually printing or not; it would have been obvious that if the timing information specifying displaying the message (URL of fig. 4 of Gase) the printer would display the message in response to the execution unit being in a standby state (the system is having power but not printing or scanning; i.e., the system is in standby state).

Response to Arguments/Remarks

Art Unit: 2625

4. Applicant's arguments with respect to claims 1, 7, 13, 15, 21, 27, 57 have been considered but are moot in view of the new ground(s) of rejection. Please see detailed office action.

The drawing objection is maintained because claim 15 has not been amended as discussed in the interview conducted on 1/18/2007. The amendment to claim 1 reflects the amendment to the claims discussed on 1/18/2007.

The limitation of "wherein said Web server comprises: (a) a transmission unit, adapted to transmit to one of the external apparatuses that serves as a Web client the client display data stored in said storage unit for use in a client display screen in which a character message to be displayed is input; and (b) a reception unit, adapted to receive message data based on a character message input by the Web client via the client display screen displayed on the basis of the client display data transmitted by said transmission unit" are still presented in claim 15.

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

Art Unit: 2625

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to King Y. Poon whose telephone number is 571-272-7440. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

April 8, 2007


KING Y. POON
PRIMARY EXAMINER